sMETHOD AND APPARATUS FOR VECTORED BLOCK-LEVEL CHECKSUM FOR FILE SYSTEM DATA INTEGRITY

Abstract

A method for storing a data block, involving storing the data block in a storage pool, obtaining a data block location, determining a checksum function for the data block, calculating a data block checksum using the checksum function for the data block, and storing a first indirect block in the storage pool, wherein the first indirect block comprises the data block location, the data block checksum, and a checksum function ID corresponding to the checksum function for the data block.

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